BLACK BOX®
NETWORK SERVICES

CLASSWORK PLUS AND CAT5 CLASSWORK PLUS

Take control of your classroom training environment.
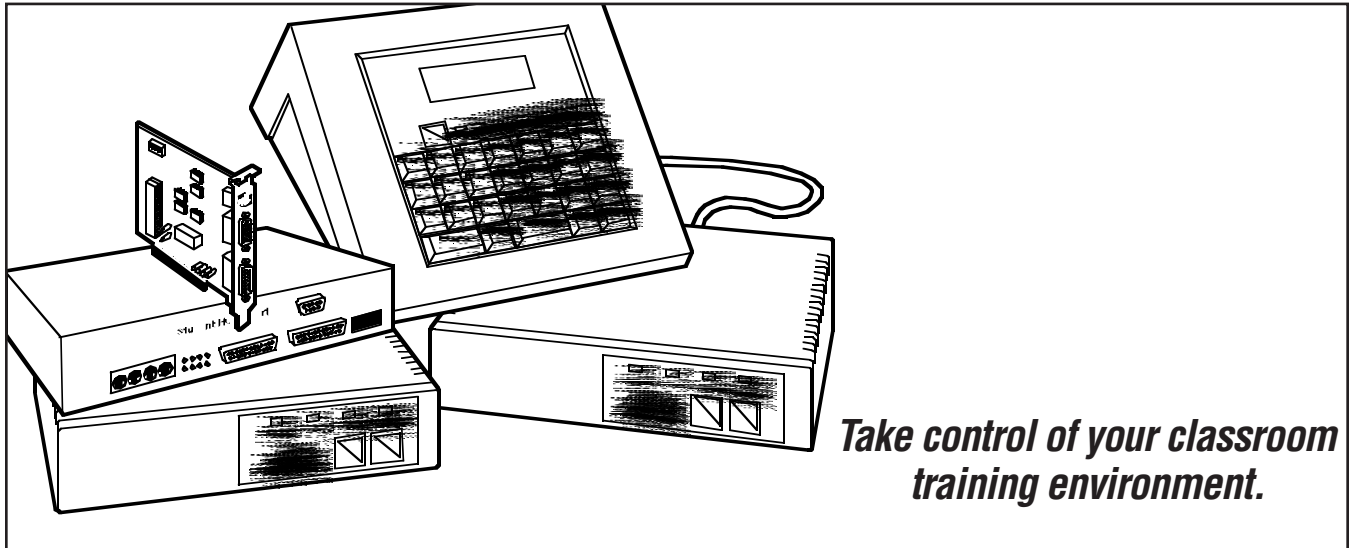
Key Features

▶ Use the instructor's monitor to view any student's screen.

▶ Get pinpoint or multiple control of your students' keyboards, mice, and monitors.

▶ 4-port student model reduces messy cabling.

▶ Instructor and student interface cards available for limited-space areas.

▶ New CAT5 model available.

ClassWork Plus is the total in-house computer training network. Available in both PC and Mac version, ClassWork Plus gives you control of up to 63 students' computers.

Or choose our newest CAT5 ClassWork Plus. It lets you control up to 31 daisychained PS/2 computers using CAT5 cable.

You'll need one Instructor Control Unit and one Instructor Interface Unit. You'll also need one Student Interface Unit for each student position.

From your command center, you can:

Demonstrate. At the touch of a button, project your computer screen to any, some, or all student monitors.

Monitor. Observe each student's screen. Or scan monitors sequentially with the adjustable automatic timer.

Interact. Take control of any keyboard and mouse. Display your monitor or a student's monitor to another student or to the class. With the ClassWork Plus (excluding the CAT5 version), you can also transmit files to or receive files from any student.

Capture attention. When you're lecturing and need your students' full attention, simply push a button to darken their monitors and freeze their keyboards and mice.

Help. Students can push a Help button if they need additional instruction. An LED on the Instructor Unit lights to show which student is asking for help. Up to six students' Help requests can be stored at a time.

After a brief training session, you're ready to go. Your command unit is user-friendly so you spend your time teaching, not trouble-shooting.
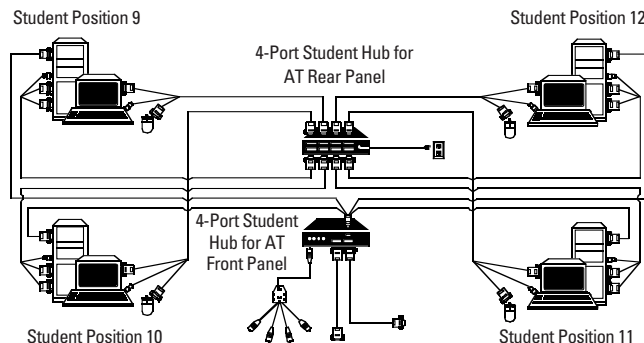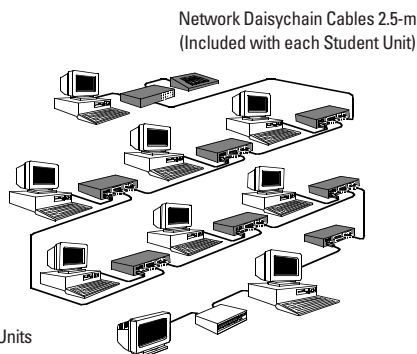
And if you want to save even more money, choose one of our 4-Port Student Hub models. These models offer all the same features as the single-port units.

Or select a interface card instead of a standalone unit.

Instructor or Student PC Cards save space, eliminate clutter, don't need a power supply, and are safe from tampering by students since they're internal to the PC.

Applications

Link up to 63 Student Units with ClassWork Plus Student Interface Kit.

Student Position 9

4-Port Student Hub for
AT Rear Panel

Student Position 12

Network Daisychain Cables 2.5-m
(Included with each Student Unit)

4-Port Student
Hub for AT
Front Panel

Up to 63 Student Units

Student Position 10

Student Position 11

Or link up to 63 users via 4-Port Student Hubs.

Specifications

ClassWork Plus or ClassWork Plus for Mac:

Maximum Number of
   Student PCs — 63

Resolution — Up to 1280 x 1024

Connectors —

Instructor Interface and Student Units: (2) DB25 female system ports, PC version: (1) DB15HD male screen-in, (1) DB15HD female screen-out, (1) DB9 female keyboard in/out, (1) DB9 male mouse in/out, (1) stereo jack (comm port); Instructor Interface Unit also has (1) 5-pin DIN Instructor Control Unit port;

PC Cards: (1) HD15 female monitor in/out, (1) 6-pin mini DIN female keyboard/mouse in/out;

Student Hubs: (4) DB25 male for CPU, (4) DB25 female for KVM, (2) DB25 female system ports, (4) 6-pin mini DIN female for audio, (1) DB9 male (comm port)

Mac version: DB15 male screen-in, DB15 female screen-out; (1) DB9 female keyboard in/out, (1) DB9 male mouse in/out, (1) stereo jack (comm port); Instructor Interface Unit also has (1) 5-pin DIN Instructor Control Unit port

Power —
   Standalone Units:
      Input: 120/230 VAC;
      Output: 9 VAC, 1500 mA;
   PC Cards: From PC bus;
   Student Hubs:
      Input: 100-240 VAC, 47-63 Hz, autosensing;
      Output: +5 VDC, +12 VDC, -12 VDC

Size —
   Instructor Control Unit:
      9.1H x 21.8W x 22.9D cm;
   Instructor Interface Unit:
      5.1H x 22.6W x 16.5D cm;
   Instructor Interface Card: ¼ card;
   Student Unit:
      5.1H x 19.6W x 16.5D cm;
   4-Port Student Interface Unit:
      4.6H x 27.7W x 14.2D cm;
   Student Interface Card: ¼ card

CAT5 ClassWork Plus Instructor Interface Unit and Student Interface Card:

Maximum Number of
   Student PCs — 31

Resolution — Up to 1600 x 1200 75Hz

Connectors — Instructor Interface Unit and Student Interface Card: (2) RJ-45 female system ports, (1) DB15HD female screen in/out, (1) 8-pin mini-DIN female for keyboard and mouse; Instructor Interface Unit also has (1) 5-pin DIN for control and (1) 4-pin DIN for power; Instructor Keypad has (1) 5-pin DIN

Power —
   Input: 120/230 VAC;
   Output: 9 VAC, 1400 mA

Size — Instructor Control Unit:
      9.1H x 21.8W x 22.9D cm;
   Instructor Interface Unit:
      5.1H x 22.6W x 22.9D cm;
   Student Interface Card: ½ card

What the Package Includes

- ClassWork Plus—Instructor Unit Kit (AC810A-R3 or AC810AE-R3) consists of:

- Instructor Control Unit (AC813A), consisting of function display and ergonomic click keypad. The instructor activates all functions via this unit.

- Instructor Interface Unit (AC812A-R2, AC812AE-R2), located near the instructor's position, connecting the instructor's computer to the ClassWork Plus system.

- (1) 6-ft. (1.8-m) 5-pin DIN cable M/M to connect the Instructor Control Unit to the instructor interface unit

- Power supply, external 115 VAC or 230 VAC for Instructor Interface Unit

- (2) DB25 male terminators

- (1) 5-ft. (1.5-m) DB15HD M/F VGA screen cable

- (2) 3.5" diskettes (1 DOS, 1 Windows®) communications (file-transfer) software

- ClassWork Plus—Student Interface Kit (AC811A-R3 and AC811AE-R3) includes the following:

- Student Interface Unit (AC814A-R2, AC814AE-R2)

- Power supply, external 115 VAC or 230 VAC, for Student Interface Unit

- (1) 6.6-ft. (2-m) DB25 M/M network cable

- (1) 5-ft. (1.5-m) DB15HD M/F VGA screen cable

   Also available are Instructor and Student Interface Cards, which you can use in place of the Interface Units:

- ClassWork Plus—Instructor PC Card (AC810C)

- ClassWork Plus—Student PC Card (AC811C)

- ClassWork Plus for Mac—Instructor Unit Kit (AC830A) includes:

- (1) Keypad/LCD Control Unit

- (1) Interface Unit

- (1) power supply

- Monitor, keyboard, and mouse cables (all necessary cables are included)

- (2) network terminators

- (1) keyboard/mouse cable

- ClassWork Plus for Mac—Student Unit Kit (AC831A) includes:

- (1) Interface Unit

- (1) power supply

- Monitor, keyboard, and mouse cables (all necessary cables are included)

- (1) network daisychain cable

- CAT5 ClassWork Plus—Instructor Interface Kit (AC840A) includes the following:

- (1) Keypad/LCD Control Unit and Control Cable

- (1) Instructor Interface Unit

- (1) Power Supply

- Monitor, keyboard, and mouse cables (all necessary cables are included)

What the Package Includes (continued)

- CAT5 ClassWork Plus—Student Unit Kit (AC841C) includes:

- (1) Student Interface Card

- Monitor, keyboard, and mouse cables (all necessary cables are included)

- All items also include a users' manual.

- 4-Port Student Hub (AC815A or AC816A) includes:

- (1) Hub Unit, links up to four students' computers using one Interface Unit.

- (1) power supply

- Monitor, keyboard, and mouse cables (all necessary cables included for PS/2 type or AT type PCs)

Ordering Information

ITEM	CODE
ClassWork Plus	
Instructor Unit Kit,	AC810AE-R3
Student Unit Kit,	AC811AE-R3
Instructor PC Card	AC810C-E
Student PC Card	AC811C
Student Hub 4-Port with Cables for PS/2®	AC815A
Student Hub 4-Port with Cables for AT®	AC816A
ClassWork Plus for Mac®	
Instructor Unit Kit	AC830AE
Student Unit Kit	AC831AE
CAT5 ClassWork Plus	
PC Instructor Unit Kit,	AC840AE
PC Student Unit Kit	AC841C
Cable for ClassWork, 10-ft.	EHN315-0010
Cable for ClassWork, 20-ft.	EHN315-0020
Cable for ClassWork, 30-ft.	EHN315-0030
Cable for ClassWork, 50-ft.	EHN315-0050